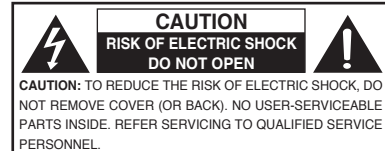# RCA

User manual

DRC288SU

It is important to read this instruction prior to using your new product for the first time.
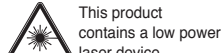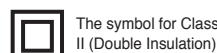
SAFETY PRECAUTIONS

Caution Marking and rating plate was located at rear enclosure of the apparatus.

⚡ RISK OF ELECTRIC SHOCK DO NOT OPEN ⚠

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

⚡ The lightning flash with an arrowhead symbol, within the equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to cause an electric shock.

⚠ The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this user manual.

CAUTION
INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

▯ The symbol for Class II (Double Insulation)

☢ This product contains a low power laser device.

CLASS 1 LASER PRODUCT

WARNING: THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON APPARATUS.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE.

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.

CAUTION: DANGER THE RISK OF FIRE, DO NOT PLACE ANY HEATING OR COOKING APPARATUS BENEATH THIS UNIT.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT OF POWER OUTLET, THEN FULLY INSERT.

THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003.

On Placement
• Do not use the unit in places that are extremely hot, cold, dusty, or humid.
• The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains, etc.
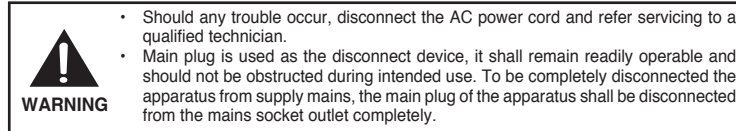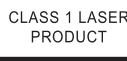
On Safety
• When connecting or disconnecting the AC power cord, grip the plug and not the cord itself. Pulling the cord may damage it and create a hazard.
• When you are not going to use the unit for a long period of time, disconnect the AC power cord.
• No naked flame sources such as lighted candles should be placed on the AC power cord and the unit.
• Leave a minimum of 10cm around the apparatus for ventilation.
• Attention should be drawn to the environmental aspects of battery disposal.
• Use of apparatus in moderate climates.

On Condensation
• When left in a heated room where it is warm and damp, water droplets or condensation may form inside the unit. When there is condensation inside the unit, the unit may not function normally. Let the unit stand for 1 to 2 hours before turning the power on, or gradually heat the room and let the unit dry before use.

Rating Plate Location
• The rating plate is located on the back of unit.

⚠ WARNING
• Should any trouble occur, disconnect the AC power cord and refer servicing to a qualified technician.
• Main plug is used as the disconnect device, it shall remain readily operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

FCC Statements
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This unit has earned the ENERGY STAR.

Notes on Copyright
It is forbidden by law to copy, broadcast, show, broadcast on cable, play in public, or rent copyrighted material without permission.

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your AC power outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the AC power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Portable Cart Warning

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the AC power cord or plug is damaged, liquid has spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

DISC FORMATS

The unit can playback:

DVD VIDEO — DVDs [8cm/12cm disc]

COMPACT DISC DIGITAL AUDIO — Audio CDs [8cm/12cm disc]

CD-R CD-RW Compatible

DivX

Region Management Information
This unit is designed and manufactured to respond to the Region Management Information that is encoded on DVDs. If the region number printed on the DVD does not correspond to the region number of this unit, it cannot play that disc.

The region number of this unit is 1.

Disc Function or Operation that is Not Available
When the ⊘ appears on the screen, it indicates that the function or operation attempted is not available at that time. This occurs because the DVD manufacturer determines the specific functions of DVDs. Certain functions may not be available on some DVDs. Be sure to read the documentation provided with the DVD.
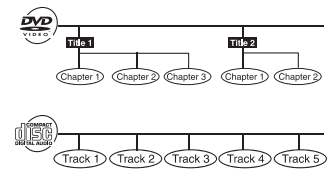
Icons Used on DVDs
Sample Icons
— Language selections for audio
— Language selections for subtitles
— Screen aspect ratio
— Multiple camera angles
— Region code indicator

Notes on Unauthorized Discs
You may not be able to play some DVDs on this unit, particularly if they were purchased from outside your geographic area or made for business purposes.

Note: When playing back a CD-G (Graphics) or CD EXTRA disc, the audio portion will be played, but the graphic images will not be shown.

Title, Chapter and Tracks
• DVDs are divided into **"titles"** and **"chapters"**. If the disc has more than one movie on it, each movie would be a separate **"title"**. **"Chapters"** are sections of titles.
• Audio CDs are divided into **"tracks"**. A **"track"** is usually one song on an Audio CD.

TITLE 1   TITLE 2
Chapter 1 Chapter 2 Chapter 3   Chapter 1 Chapter 2

Track 1 Track 2 Track 3 Track 4 Track 5

Note:
Numbers identify each title, chapter, and track on a disc. Most discs have these numbers recorded on them, but some do not.

SOUND SYSTEM

Dolby Digital
Dolby Digital is a technology developed by Dolby Laboratories. Soundtracks encoded in Dolby Digital can reproduce from one to 5.1 discrete channels of excellent quality audio.
The unit automatically recognizes the Dolby Digital bitstream and provides a downmix suitable for two-channel listening. An additional Dolby Digital decoder is required for reproduction of the discrete multi-channel soundtracks available on many DVDs.

Manufactured under license from Dolby Laboratories.
Dolby and the double-D symbol are trademarks of Dolby Laboratories.

DOLBY DIGITAL

ACCESSORIES

Please check and identify the supplied accessories.
• To order accessories, visit web site http://www.RCAav.com
▢ Remote Control .... x 1
▢ 2xAAA batteries .... x 1
▢ AV cable .... x 1

REMOTE CONTROL

Using the Remote Control
• Point the remote control at the REMOTE SENSOR located on the unit.
• When using this unit in very bright light, the infrared REMOTE CONTROL SENSOR may not work properly.
• The recommended effective distance for remote operation is about 16 feet (5 meters).

Battery Replacement
When the batteries become weak, the operating distance of the remote control will be greatly reduced and you will need to replace the batteries.

Note:
• If the remote control is not going to be used for a long time, remove the batteries to avoid damage caused by battery leakage corrosion.
• When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be strictly followed.
• Do not mix old and new batteries. Do not mix ALKALINE, standard (CARBON-ZINC), or rechargeable (Ni-Cd, Ni-MH, etc) batteries.

To Change Remote Batteries
1. Open the battery door.
2. Insert two AAA size batteries.

WARNING:
• Do not dispose of the battery in fire or it may explode or leak.
• Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION:
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

MAINTENANCE

Cleaning the Disc
A defective or soiled disc inserted into the unit can cause sound to drop out during playback. Handle the disc by holding its inner and outer edges.
• Do NOT touch the surface of the unlabeled side of the disc.
• Do NOT stick paper or tape on the surface.
• Do NOT expose the disc to direct sunlight or excessive heat.
• Clean the disc before playback. Wipe the disc from the center outward with a cleaning cloth.
• NEVER use solvents such as benzine or alcohol to clean the disc.
• Do NOT use irregular shaped discs (example: heart shaped, octagonal, etc.). They may cause malfunctions.

Cleaning the Unit
• Be sure to turn the unit off and disconnect the AC power cord before maintaining the unit.
• Wipe the unit with a dry soft cloth. If the surfaces are extremely dirty, wipe clean with a cloth that has been dipped in a weak soap-and-water solution and wrung out thoroughly, then wipe with a dry cloth.
• Never use alcohol, benzine, thinner, cleaning fluid or other chemicals. Do NOT use compressed air to remove dust.
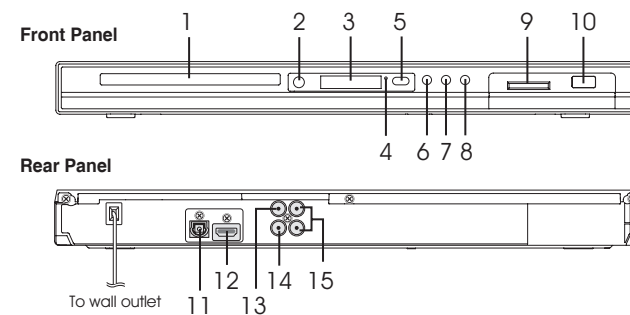**Important Note**
Before transporting the unit, remove the disc from the disc compartment.

TROUBLESHOOTING GUIDE

SYMPTOM — **CAUSE (AND REMEDY)**

No power.
• Ensure the AC power cord is connected.
• The unit is not turned on.

The remote control does not function.
• Remove any obstacles between the remote and the unit
• Use the remote near the unit.
• Point the remote at the remote sensor on the unit.
• Replace the batteries in the remote with new one.

No sound or only a very low-level sound is heard.
• Make sure that you select ON mode.
• The system is in pause mode. Press the ▶ PLAY button to return to normal play mode.
• The unit is in fast-forward or fast-reverse mode. Press the ▶ PLAY button to return to normal play mode.
• Make sure the AUDIO output is correct.
• Make sure the audio cable is connected securely.

No picture or abnormal color.
• The region number of the disc doesn't match the region number of this unit.
• The TV is not set to receive DVD signal output.
• The video/HDMI cable is not connected securely.
• The TV is not turned on.
• Clean the disc.

No output on your HDMI TV.
• Check connection between HDMI TV and the unit.
• Replace the HDMI cable with a better one. Bad HDMI cable can cause data lost.
• Press HDMI key on remote handset several times to toggle among different HD OUTPUT.

Severe hum or noise is heard.
• Check the connections.
• The plugs and jacks are dirty. Wipe them with a cloth slightly moistened with alcohol.
• Clean the disc.

The disc does not play.
• There is no disc inside. ("No Disc" appears on the screen).
• Insert the disc correctly with the playback side facing down.
• Clean the disc.
• The unit and disc region number are incompatible.
• Condensation may have formed inside the unit due to a sudden change in temperature. Wait about an hour for it to clear and try again.

Video file won't play on device
• Ensure that the video file has been converted to DivX format using the DivX Plus Player on your PC or MAC.
• Not all video files are encoded to allow for playback on DivX Certified® products.
• Some video files may have been encoded with errors.

The DVD door cannot open.
• Reset the unit, press the STANDBY/ON button to turn off the unit, wait for a few seconds, then restart the unit.
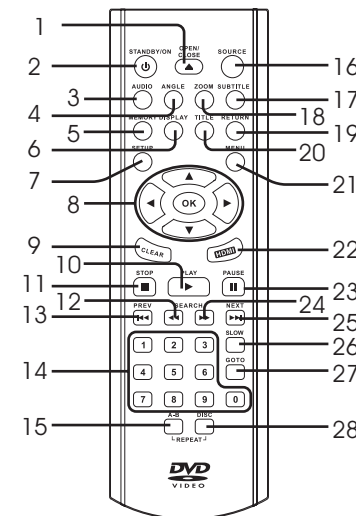

CONTROL REFERENCE GUIDE

Unit

Front Panel

Rear Panel

To wall outlet

1. **DISC TRAY**
Opens or closes the tray by pressing the OPEN/CLOSE button.
2. **REMOTE SENSOR**
Receives the remote control unit signals.
3. **DISPLAY WINDOW**
Display units information.
4. **Power Indicator**
Indicator Off: The unit is turned on.
Indicator On: The unit is in standby mode.
5. **ON/STANDBY Button**
Turns the unit on or puts it in standby mode.
6. **OPEN/CLOSE Button**
Opens or closes the tray.
7. **PLAY Button**
Starts or resumes playback of a disc.
8. **SOURCE Button**
Selects input sources.
9. **SD card slot**
10. **USB port**
11. **OPTICAL OUT jack**
12. **HDMI OUT jack**
13. **VIDEO OUT jack**
14. **DIGITAL COAXIAL AUDIO OUT jack**
15. **LEFT/RIGHT AUDIO OUT jacks**

Remote Control

1. ⏏ **OPEN/CLOSE Button**
Press to open or close the disc tray.
2. **STANDBY/ON Button**
Press to turn on the unit or put it in standby mode.
3. **AUDIO Button**
Press to select one of the audio sound tracks programmed on a DVD or to select the audio output mode on an audio CD.
4. **ANGLE Button**
Press to switch the camera angle of the video presentation when scenes with multiple camera angles are recorded on a DVD.
5. **MEMORY Button**
Press to create programs.
6. **DISPLAY Button**
Press to change disc status information displayed on the TV screen.
7. **SETUP Button**
Press to open or close the SETUP menu screen
8. **CURSOR (▲, ▼, ◀ , ▶) Button**
Press to highlight selections on a menu screen and adjust certain settings.
OK Button
Press to confirm selections on a menu screen.
9. **CLEAR Button**
Clear input selections and cancel certain playback functions.
10. ▶ **PLAY Button**
Press to start playback.
11. ■ **STOP Button**
Press to stop playback.
12. ◀◀ **SEARCH Button**
Fast reverse playback.
13. ▮◀◀ **REV Button**
Press to move backwards through titles, chapters or tracks on a disc.
14. **Number (0-9) Buttons**
15. **A-B REPEAT Button**
Press to perform point-to-point repeat playback on a DVD or CD.
16. **SOURCE Button**
Selects input sources.
17. **SUBTITLE Button**
Press to select one of the subtitle languages programmed on a DVD.
18. **ZOOM Button**
Zoom in an image.
19. **RETURN Button**
Press to return to normal operation after using SETUP or go to DISC MENU if available.
20. **TITLE Button**
Press to open the title menu screen.
21. **MENU Button**
Press to open or close the DVD's menu.
22. **HDMI Button (for HDMI connection only)**
Press once to view current HDMI output resolution. Press repeatedly to change resolution (Auto, 480P, 720P, 1080i, or 1080P).
23. ▮▮ **PAUSE Button**
Press to pause playback, frame advance.
24. ▶▶ **SEARCH Button**
Fast forward playback.
25. ▶▶▮ **NEXT Button**
Press to move forward through titles, chapters or tracks on a disc.
26. **SLOW Button**
Press to perform slow forward playback of DVDs.
27. **GOTO Button**
Press to skip directly to a specific location on a DVD.
28. **DISC REPEAT Button**
Press to repeat chapter or title of a DVD.
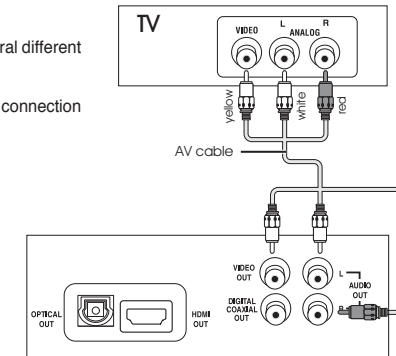Press to repeat single track or whole CD.

SETUP AND CONNECTIONS

CONNECTING TO A TV
The unit can be connected to your TV in several different ways, depending on the design of your TV.

Note: Use only one of the below listed connection method for connecting to your TV.

A. RCA AUDIO/VIDEO JACKS
Use the Audio/Video cable (included). Connect the VIDEO OUT and left/right AUDIO OUT jacks on the unit to the VIDEO IN and left/right AUDIO IN jacks on your TV.

AV cable

B. CONNECTING TO A DISPLAY (Using a HDMI cable)

For TVs that support it, HDMI can provide the best quality audio and video output (depending on media source), and so is the preferred connection type. The HDMI cable incorporates both audio and video signals, so you will have just one cable running from the unit to your TV. Using the HDMI cable (not included), connect the HDMI OUT jack on your unit to the HDMI IN jack on your TV or HDMI-compatible display.
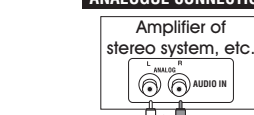
• Set an output signal from the HDMI terminal of the DVD player in accordance with your TV's input signal
• When using HDMI cable, set the "Digital Out" menu under "Audio" menu to be "PCM (STEREO)"
• Press the HDMI button on the remote control to change output signals as below:
   480p (progressive)
   720p (progressive)
   1080i (interlace)
   1080p (progressive)
Note:
• Refer to your owner's manual to the connected TV as well.
• When you connect the DVD player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

CONNECTING TO OPTIONAL EQUIPMENT (AMPLIFIER)

A. ANALOGUE CONNECTION
Using an audio/video cable, connect the left/right AUDIO OUT jack on your unit to the AUDIO IN jack on your other source.

Amplifier of stereo system, etc.
Audio cable (red and white)

B. DIGITAL CONNECTION
Using a coaxial digital audio cable (not included), connect the DIGITAL COAXIAL OUT jack on your unit to the DIGITAL AUDIO IN jack on your other source.

Audio equipment with digital audio input jack
Coaxial Digital Audio cable

Note:
• When you connect the unit to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
• If the external equipment is television and this audio system is close to it, you may experience the interference if the tuner function is selected while the television is working.
• Refer to the instruction manual of the connected equipment as well.

USING USB PORT
You can connect a USB flash driveS (not included) to the USB port on the unit to play DivX® movies as well as picture files.
• Plug the USB flash drive into the USB port on the unit.
• Press SOURCE button to select USB mode.
For operation of file playback on the USB flash drive, please refer to the section "PLAYING DivX® VIDEO OR PICTURE FILES".

Note:
• It is recommended USB flash drive is plugged when the unit is in STANDBY mode.
• It does not support USB harddisk mass storage device, multi-card reader and other USB computer peripheral.
• It only supports USB flash drive (FAT32/16 max. capacity 32G bytes, video bitrate is 7Mbps).
• Make sure your USB flash drive or SD card is FAT16/FAT32 file system. All other file system will not be supported.

USING SD CARD SLOT
You can connect a Secure Digital (SD) card (not included) to the memory card slot on the unit to play DivX movies as well as picture files.
• Plug the SD card fully into the memory card slot on the unit until it clicks.
• Press SOURCE button to change to memory card mode. It reads the information of the SD card and playing the picture and/or sound files.
For operation of playing files on the SD card, please refer to the section "PLAYING DivX® VIDEO OR PICTURE FILES".

Note:
• It is recommended the SD card is plugged when the unit is in STANDBY mode.
• the SD card is oriented incorrectly, it will not go fully into the slot. Do not apply force when inserting the SD card.
• To remove the SD card, push the CD card into the slot and then slowly remove your finger, the lock is released and the SD card is pushed out.

PLAYING A DISC

This user manual explains the basic instructions for operating this unit. Some DVDs are produced in a manner that allows specific or limited operation during playback. Therefore, this unit may not respond to all operating commands. THIS IS NOT A DEFECT. Please refer to the instructions accompanying the specific DVD in question for more information about the options available on that DVD. It means that the desired operation is not permitted by the unit or disc.

Playing a Disc
1. Press the **STANDBY / ON** button to turn on the unit. (See CUSTOMIZING THE FUNCTION SETTINGS before proceeding to step 2).
2. Press the ▲ **OPEN/CLOSE** button to open the disc tray.
3. Place a disc onto the disc tray with the label side up.
4. Press the ▲ **OPEN/CLOSE** button to close the disc tray. It takes a short while for your unit to load the disc. After loading, for most DVDs, the unit will automatically take you main menu or start playing.
5. If the unit does not automatically start playing the DVD, press the ▶ **PLAY** button.

Pausing Playback (Still Mode)
Press the ❚❚ **PAUSE** button on the remote. To resume normal playback, press the ▶ **PLAY** button. Each time you press the ❚❚ **PAUSE** button, the picture advances one frame.

Stopping Playback
• Press the ■ **STOP** button at the location where you want to interrupt playback. To resume playback at the position where the disc was stopped, press the ▶ **PLAY** button.
• If you press the ■ **STOP** button twice, the unit's memory will be cleared and pressing the ▶ **PLAY** button will reset the disc to the beginning.

Zooming into an image
While a disc is playing, press the **ZOOM** button to enlarge the image in several levels.
• While an image is zoomed, you can use the ▲ , ▼ , ◀ or ▶ CURSOR button to shift the view and display the part you want.
• To return to normal view, press the ZOOM button repeatedly until the ⊙ : Off is displayed.
• When you reach the edge of the image, the display will not shift anymore in that direction.

Skipping (Forward / Reverse)
• Press the |◀◀ **PREV** button to go back to current or previous chapters/tracks.
• Press the ▶▶| **NEXT** button to advance chapters/tracks.
• For audio CDs, use the number buttons on the remote control to jump immediately to the desired track number.

Fast Forward / Fast Reverse
1. Press the **SEARCH** ▶▶ or **SEARCH** ◀◀ button when a disc is playing. Each time you press the **SEARCH** ▶▶ or **SEARCH** ◀◀ button, the playback speed changes.
2. Press the ▶ **PLAY** button when you reach the desired point to resume normal playback.
Note:
• The unit mutes sound and subtitles during reverse and forward scan of DVDs.
• The fast playback speed may differ depending on the disc.

Slow-motion Play
1. Press the **SLOW** button on the remote in play mode.
   • Each time the **SLOW** button is pressed, the speed of slow-motion playback changes.
2. Press the ▶ PLAY button to return to normal playback speed.

Audio Selection
On some DVDs, the sound is recorded in two or more formats. Follow the directions below to select the preferred language and sound system.
1. While a disc is playing, press the **AUDIO** button to show the current audio format number.
2. Press the **AUDIO** button repeatedly to select the desired audio format.
Note:
• If only one audio format is recorded on the DVD, the number does not change.
• Some DVDs allow you to change audio selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate language on the disc menu.
• You can select different audio channels on an Audio CD by pressing the **AUDIO** button repeatedly.

Subtitle Selection
1. While a DVD is playing, press the **SUBTITLE** button to display the current language setting.
2. Press the **SUBTITLE** button repeatedly to select the desired subtitle language. You can turn subtitles off by pressing the SUBTITLE button repeatedly until the "Off" is displayed.

Note:
• Some DVDs are set to display subtitles automatically, and you cannot turn them off even if you set the subtitle function to off.
• During some scenes, the subtitles may not appear immediately after you select your desired scene.
• The number of subtitle languages recorded differs depending on the disc. If only one language is recorded, the language does not change.
• This function can only be used for discs on which subtitles have been recorded in multiple languages.
• Some DVDs allow you to change subtitles only via the disc menu. If this is the case, press the MENU button and choose the appropriate subtitle on the disc menu.

Angle Selection
Some DVDs contain scenes which have been shot from a number of different angles. For these discs, the same scene can be viewed from each of these different angles.
1. While you are playing a DVD with different angles recorded, press the **ANGLE** button to view the number of current angles available.
2. Press the **ANGLE** button repeatedly to change the scene to the next recorded angle.
• After approx. two seconds, playback will continue from the new angle you selected.
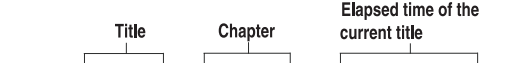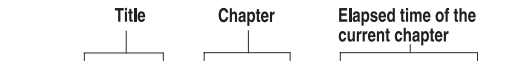• If no button is pressed within 10 seconds, playback continues without changing the current angle.
Note:
• This function can only be used for discs on which scenes shot from multiple angles have been recorded.
• If only one angle is recorded, ⊗ is displayed.

- 6 -

Display Function
While the disc is playing, press the **DISPLAY** button on the remote control repeatedly to display information on operation status.

Elapsed Time: Elapsed time from the beginning of the chapter/title which is currently playing.
Remaining Time: Remaining time of the chapter/title which is currently playing.
⊗ may appear on the screen during operation. It means that the desired operation is not permitted by the unit or disc.

Title   Chapter   Elapsed time of the current chapter
⊙ DVD   TT   1/10   CH   1/16   ⊙ 00:00:07

Audio language   Subtitles   Camera angle
🎙 1/3 ENG   ▯▯ D 6CH   ▭ 1/2   ENG   📷 1/1

Title   Chapter   Remaining time of the current chapter
⊙ DVD   TT   1/10   CH   1/16   C — 00:12:10

Title   Chapter   Elapsed time of the current title
⊙ DVD   TT   1/10   CH   1/16   ⊙ 00:10:02

Title   Chapter   Remaining time of the current title
⊙ DVD   TT   1/10   CH   1/16   ⊙ — 01:23:07

LOCATING A DESIRED SECTION

Locating a specific chapter / track / title / time
If you know the chapter / track / title / time number you want to play, you can locate a specific chapter / track / title / time by directly selecting a chapter / track / title / time number.

1. Press the **GOTO** button to search your desired chapter / track / title / time.
2. Press ◀ or ▶ button to highlight a chapter / track / title / time and press the corresponding number button(s) for the chapter / track / title / time you want.
3. Press the **OK** button to confirm. The unit will start playback about 3 seconds later.
Note:
• Some discs may not respond to this process.
• Some scenes may not be located as precisely as you specified.
• This method for accessing specific locations is available only within the current title of the DVD disc.

⊙ DVD   TT   01/10   CH 001/016   ⊙ 00:13:07
⊙ DVD   TT   01/10   CH 001/016   ⊙ 00:13:07
⊙ DVD   TT   01/10   CH 001/016   ⊙ 00:13:07
⊙ CDDA   TRK 1/10 🔊   ▭X ⊙ 00:00:07

PROGRAMMABLE MEMORY

Playing Titles/Chapters in a Favorite Order
You can combine your favorite titles/chapters and play them in the order you determine.
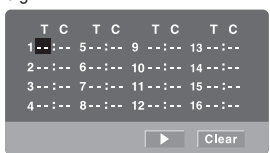1. Press the MEMORY button and a program screen appears.
2. Select the items in the order you want by pressing the number buttons. Each time you press the Cursor buttons (▼, ▲, ◀, ▶), the space is highlighted. Highlight where you want to enter, then press the corresponding number buttons.
3. Press the Cursor buttons (▼, ▲, ◀, ▶) to move the highlighted bar to ▶ , then press the ▶ PLAY or OK button. The DVD player starts memory playback.

4. To resume normal playback from memory playback
a) Press the MEMORY button in stop mode.
b) Press the Cursor buttons (▼, ▲, ◀, ▶) to move the highlighted bar to "Clear", then press the OK button. All the input programs will be cleared.
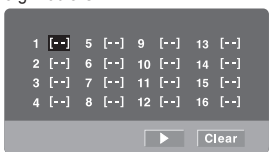c) Press the ▶ PLAY button to resume normal playback.

Note:
• If the title or chapter numbers you entered is not permitted by the DVD, after you press the OK button, it will restore to [- -]. You should re-enter correct numbers.
• Some discs may not permit memory playback operation.
• If you select repeat during memory playback, the DVD player repeats the current memory playback.
• If you press the MEMORY button while the display appears on the TV screen, the display disappears.
• The programmed selections will be cleared when you open the disc tray or turn off the DVD player.

e.g. DVD

T C	T C	T C	T C
1 --:--	5 --:--	9 --:--	13 --:--
2 --:--	6 --:--	10 --:--	14 --:--
3 --:--	7 --:--	11 --:--	15 --:--
4 --:--	8 --:--	12 --:--	16 --:--

▶ Clear

⌨ Chapter number
Title number

e.g. Audio CD

1 [--]	5 [--]	9 [--]	13 [--]
2 [--]	6 [--]	10 [--]	14 [--]
3 [--]	7 [--]	11 [--]	15 [--]
4 [--]	8 [--]	12 [--]	16 [--]

▶ Clear

⌨ Track number

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PLAYING DivX® VIDEO OR PICTURE FILES

This unit can play DivX® and picture files stored on USB flash drives, SD cards, CD-R/CD-RW, DVD+R/-R or DVD+RW/-RW discs.

To play video files on this product you must first convert them to DivX format using the DivX Plus Player on your PC or MAC. This application can be downloaded at www.divx.com. Please do so, and then install on your PC or MAC.

Playing DivX® Video/ Picture Files
If playing DivX video or picture files from a USB drive or SD card, see note below.
1. Press SOURCE key to select DISC mode after turning on the unit.
2. Open the disc door.
3. Place a DivX® / picture file disc onto the tray with label side up.
4. Close the disc door.
5. A selection menu will appear on the screen.
6. Press ◀ or ▶ button to select the picture 🖼 or video 🎞 icon, and then press OK.

If picture mode is selected, use below to nevigate the menu:
▲ / ▼ : selects a file
◀ / ▶ : page up or down
RETURN : returns to previous menu
ENTER : plays your selected file
🖼 …[PHOTOS]112.JPG

Note:
• For playing files on USB flash drive or SD card, you should plug in the USB flash drive or SD card when the unit is in **STANDBY** mode. Press **SOURCE** button, select USB or Card mode, then follow step 6 above.
• You can press the ❚❚ **PAUSE** button to interrupt playback, and press the ▶ **PLAY** button to resume playback.
• You also can use the GOTO button or use the numbered buttons to enter a photo number and quickly select any image.
• During picture playback, you can press ANGLE button repeatedly to rotate the picture.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX,Inc. This is an official DivX Certified device that plays DivX video. Visit www.divx.com fo more information and for software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, go to the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.

DivX Certifed® to play DivX® video, including premium content.

REPEAT PLAYBACK

You can play a specific title or chapter repeatedly. (Title repeat, chapter repeat, A-B repeat)

Repeating a chapter
You can play the same chapter repeatedly.
1. While the disc is playing, press the REPEAT DISC button until the [Repeat   Chapter] indicator displays on the screen. The current chapter is played repeatedly.

Repeating a title
You can play the same title repeatedly.
2. While the disc is playing, press the REPEAT DISC button until the [Repeat   Title] indicator displays on the screen. The current title is played repeatedly.

To resume normal playback
3. While the disc is playing, press the REPEAT DISC button until the [Repeat   Off] indicator displays on the screen.

You can play a single track and whole disc repeatedly.

Repeating a single track
You can play the same track repeatedly.
1. While the disc is playing, press the REPEAT DISC button until the [Repeat   single] indicator displays on the screen. The current track is played repeatedly.

Repeating a whole disc
2. While the disc is playing, press the REPEAT DISC button until the [Repeat   all] indicator displays on the screen. The whole disc is played repeatedly.

To resume normal playback
3. Press the REPEAT DISC button until the [Repeat   Off] indicator displays on the screen.

You can play a specific section repeatedly.

Repeating a specific section
1. While the disc is playing, press the REPEAT A-B button at the beginning of the section ([Repeat A-] is displayed) you want to play repeatedly.
2. Press the REPEAT A-B button again at the end of the section ([Repeat A-B] is displayed).
3. The unit will immediately begin replaying your selection.

To resume normal playback
4. While the disc is playing, press the REPEAT A-B button until the [Repeat A-B off] indicator displays on the screen.
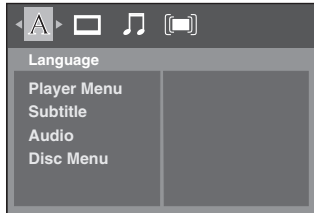Note:
• Some discs may not permit A-B repeat operation.
• A-B repeat can only be used within the same title. If the start and end of the section to be repeated are in different titles, A-B repeat is cancelled.
• You can specify a segment only within the current title or track.
• The A-B repeat function does not operate in scenes where different camera angles are recorded.

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CUSTOMIZING THE FUNCTION SETTINGS

LANGUAGE SETUP
1. Press the SETUP button in stop mode.
2. Press ▼ button to select Player Menu, Subtitle, Audio and Disc Menu.
3. Press ▶ button, then use ▲ / ▼ button to select your preferred language.
4. Press the OK button to confirm.
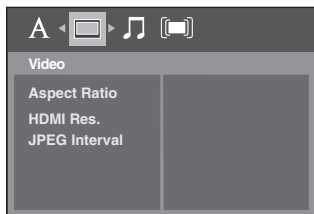5. Press the SETUP button to exit the menu.

Note:
• Some DVDs may be set to display subtitles in a different language other than the ones you selected. A prior subtitle language may be programmed on the disc.
• Some DVDs allow you to change subtitle selections using the disc menu only. If this is the case, press the MENU button and choose the appropriate subtitle language from the selection on the disc menu.
• Some DVDs may not be played in the language you selected. A prior language may be programmed on the disc.
• Some DVDs may not include your pre-selected language. In this case, the DVD player automatically displays disc menus consistent with the disc's initial language setting.

Language
Player Menu
Subtitle
Audio
Disc Menu

VIDEO SETUP
1. Press the SETUP button in stop mode.
2. Press ▶ button to select Video.
3. Press ▲ / ▼ button the setting item: Aspect Ratio, HDMI Res. or JPEG Interval.
4. Press ▶ button, then use ▲ / ▼ button to select the setting choice on the right.
5. Press the OK button to confirm.
6. Press the SETUP button to exit the menu.

Video
Aspect Ratio
HDMI Res.
JPEG Interval

Aspect Ratio
Depending on the format of the DVD disc, you can choose the picture format (aspect ratio) best suited the format of your TV screen.

4:3 LB
• When wide-screen video is played in this mode on a conventional screen, black bands appear at the top and bottom of the screen.

4:3 LB

4:3 PS
• When wide-screen video is played, this mode clips the right and left sides of the image so that it can be viewed on a conventional screen.
• Some wide-screen DVDs that do not permit Pan Scan mode playback are automatically played in letterbox mode (black bands that appear at the top and bottom of the screen).

4:3 PS

16:9
• This is the correct mode for playing wide-screen videos on the unit or other external wide-screens.

Note:
• The displayable picture size is preset on the DVD. Therefore, the playback picture of some DVDs may not conform to the picture size you select.
• When you play DVDs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the Aspect Ratio setting.
• Select 16:9 to conform to the LCD screen on the unit. Always be sure that your Aspect Ratio conforms to the actual TV in use if you connect the unit to a TV.

16:9

HDMI Res. (Resolution)
You can set the HDMI Res. (Resolution) to be Auto, 480p, 720p, 1080i or 1080p, according to the connected TV.

Note:
• Select the HDMI resolution according to the performance of the connected TV.
• If the Video out is not set to HDMI, you cannot select the HDMI Res.

JPEG Interval
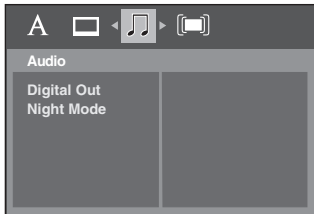To set the JPEG Interval for slide show playback. Select Off to disable the slide show feature.

Off: Plays back one file at a time.
5 seconds   Plays back images in the form of a slide show at 5 seconds interval.
10 seconds Plays back images in the form of a slide show at 10 seconds interval.
15 seconds Plays back images in the form of a slide show at 15 seconds interval.

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AUDIO SETUP
1. Press the SETUP button in stop mode.
2. Press ▶ button to select Audio.
3. Press ▲ / ▼ button the setting item: Digital Out or Night Mode
4. Press ▶ button, then use ▲ / ▼ button to select the setting choice on the right.
5. Press the OK button.
6. Press the SETUP button to exit the menu.

Audio
Digital Out
Night Mode

Digital Out
Selects the output sound format corresponding to your system connection.

PCM(STEREO):
Select when connected to a Multi-channel digital stereo amplifier.

RAW (DVD FORMAT):
Disc audio raw data will be output.

Note:
If you connected to a TV using HDMI, and are using the TV's speakers for audio playback, make sure to select "PCM (STEREO)".
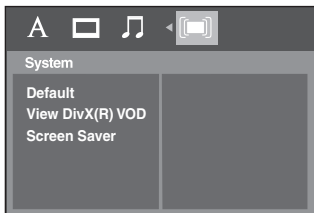
Night Mode
Night mode is equivalent to Dynamic Range Compression. If turned on, "Night Mode" will limit the volume on loud passages of movies (such as action sequences) while still allowing you to hear quiet passages (such as dialog).

Note: Night mode is Dynamic Range Control (DRC) option for analog audio output.

SYSTEM SETUP
1. Press the SETUP button in stop mode.
2. Press ▶ button to select System.
3. Press ▲ / ▼ button the setting item: Default, View DivX(R) VOD or Screen Saver.
4. Press ▶ button, then use ▲ / ▼ button to select the setting choice on the right.
5. Press the OK button.
6. Press the SETUP button to exit the menu.

System
Default
View DivX(R) VOD
Screen Saver

Default
Resets all settings to their initial factory state.

Note: It will take 3-5 seconds to reset the DVD player to the factory default.

View DivX(R) VOD

DivX® Registration
DivX® registration code allows you to rent and purchase movies using the DivX® VOD service from the internet. This menu setting will display the registration code of your unit as follows:

YOU MUST REGISTER YOUR DEVICE TO PLAY
DIVX PROTECTED VIDEOS.
REGISTRATION CODE: ▭▭▭▭▭▭
REGISTER AT HTTP://VOD.DIVX.COM
OK

Go to the website http://vod.divx.com to activate your DivX registration code.
This website will also give you information on how to purchase and download movies, and how to enable video content to be played on your product. You will have the options of transferring content to a USB flash drive, SD card or disc (CD-R/RW, DVD+R/-R or DVD+RW/-RW) for playback on your product.

Note:
• This registration code is for DivX® Video-On-Demand only. Do not apply this code for other applications or websites.
• If you have already registered this product, selecting the View DivX(R) VOD setting will allow you to deregister (deactivate) the product for DivX playback - **we recommend you DO NOT deregister the product.**

Screen Saver
To turn on or off the screen saver (screen protection to prevent image burn).

Note: When you leave the unit in DVD stop mode for approxiamtely 5 minutes, the screen saver of the unit automatically appears if you set the Screen Saver to On mode. To turn off the screen saver, press the PLAY button.

Specifications and external appearance are subject to change without notice.
Note: See section 3 (on other side of this sheet) for Troubleshooting Guide.

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